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## CLAIMS

- 2 1. A storage device comprising a carousel having a plurality of locations disposed
- about an axis to receive articles, a delivery station axially spaced from said locations and
- 4 a robotic device located within said carousel to transfer articles between one of said
- 5 locations and said delivery station, said robotic device being moveable radially relative to
- 6 said axis toward and away said locations and axially to between said delivery station and
- 7 said location to facilitate transfer of articles within said carousel.
- 8 2. A storage device according to claim 1 wherein said robotic device is rotatable
- 9 about said axis to permit alignment with different ones of said locations.
- 10 3. A storage device according to claim 2 wherein said delivery station is located at
- 11 one end of said carousel.
- 12 4. A storage device according to claim 3 wherein said delivery station is located at a
- 13 lower end of said carousel.
- 14 5. A storage device according to claim 4 wherein said carousel is located on a plinth
- and said delivery station is located within said plinth.
- 16 6. A storage device according to claim 5 wherein said robotic device is operable in
- said delivery station to move an article radially between said delivery station and a
- 18 workstation disposed about said plinth.
- 19 7. A storage device according to claim 5 wherein said plinth is inset from said
- 20 carousel.
- 21 8. A storage device according to claim 1 wherein said robotic device includes an
- arm supported on a body and extendible toward and away from said locations.
- 23 9. A storage device according to claim 8 wherein said body is displaceable within
- 24 said carousel along said axis.
- 25 10. A storage device according to claim 9 wherein said body is rotatable within said
- 26 carousel.
- 27 11. A method of moving articles between a delivery station and storage locations in a
- 28 carousel, said method comprising the steps of moving said article radially between said
- 29 location and an interior of said carousel and axially within said carousel to said delivery
- 30 station.

- 1 12. A method according to claim 11 including the step of rotating said article within
- 2 said carousel to orient said article relative to said carousel.
- 3 13. A method according to claim 12 including the step of moving said article radially
- 4 at said delivery station toward a workstation.

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